



"Longwell, Daryl"
<Daryl.Longwell@tetrattech.com>

11/16/2007 11:39 AM

To Kathryn Hernandez/EPR/R8/USEPA/US@EPA

cc "Marshall, Bruce" <Bruce.Marshall@tetrattech.com>,
"Ludwig, Jon" <jon.ludwig@tetrattech.com>, "Kienholz, Jim"
<Jim.Kienholz@tetrattech.com>

bcc

Subject FW: Repository

Kathy - It's going to depend on the site topography and subsurface characteristics, but I think the minimum size would probably be somewhere around 60 acres - this would be an average thickness of about 10 feet. Also, our current preliminary estimate is nearly 1,500,000 cy. So it would probably be best if we had 80 - 100 acres to work with for the repository.

I think the BLM (US Govt) parcel east of SS-27 is a 1/4 - 1/4 Section, or only 40 Acres. We would have to be able to place an average thickness of 15' across the entire 40 acres to hold 1,000,000 cy.

Daryl

Daryl L. Longwell, P.E. | Senior Project Manager
Tel 303.447.1823 | Fax 303.447.1836
Cell 303.588.0902 | Email daryl.longwell@tetrattech.com

Tetra Tech
4900 Pearl East Circle, Suite 300W | Boulder, CO 80301

-----Original Message-----

From: Kathryn Hernandez [mailto:EPAKathrynHernandez@tmo.blackberry.net]
Sent: Friday, November 16, 2007 11:29 AM
To: Longwell, Daryl
Subject: Repository

Can we get an estimate of the necessary acreage needed for an upland repository to take 1 million cu yd.
Sent from my BlackBerry wireless handheld.